



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Patent Application of SHATTUCK et al.  
Serial No.: US 10/655,543  
Filed: September 3, 2003  
Title: OBESITY GENE AND USE THEREOF

Group Art Unit: 1645

April 23, 2004

Mail Stop Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF SEQUENCE LISTING IN COMPLIANCE WITH**  
**37 C.F.R. §§1.821 — 1.824**

Sir:

Transmitted herewith is a copy of a "Sequence Listing" in paper form for the above-identified patent application as required by 37 C.F.R. § 1.821(c), and a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. § 1.821(e).

As required by 37 C.F.R. § 1.821(f), I hereby state that the sequence listing information recorded in computer readable form is identical to the written sequence listing.

Further, as required by 37 C.F.R. § 1.821(g), I hereby state that no new matter is introduced by the submission of both forms of the sequence listing.

Respectfully submitted

By:

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CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV 329263412 US  
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Sequence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael Moreno

4-23-04  
Date